TEST VEHICLE INFORMATION/TEST SPECIFICATIONS
FMVSS 105

NHTSA TEST VEHICLE – Supply Missing Information:
Vehicle Type: _____ ; Wheelbase: _____ in., _____ mm
Manufacturer: _____ ; Model: _____
VIN: _____ ; Build Date: _____
GVWR: _____ lbs., _____ kg
GAWR Front: _____ lbs., _____ kg
GAWR Rear: _____ lbs., _____ kg
ENGINE TYPE:
( ) Gas, ( ) Diesel; No. of Cylinders: ( ) 4, ( ) 6, ( ) 8
Displacement: _____ liters, _____ cc
FINAL DRIVE TYPE:
( ) Front Wheel Drive, ( ) Rear Wheel Drive, ( ) 4-wheel Drive
TRANSMISSION TYPE:
( ) Automatic; No. of Speeds: ( ) 3, ( ) 4, ( ) 5
Overdrive: ( ) Yes, ( ) No
( ) Manual; No. of Speeds: ( ) 3, ( ) 4, ( ) 5
Overdrive: ( ) Yes, ( ) No
TIRES:
Manufacturer _____
Size _____
Load Rating: _____ kg
Maximum Load Pressure: Front _____ psi, _____ bar
Rear _____ psi, _____ bar

INFORMATION FOR MANUFACTURER'S VEHICLE
USED FOR CERTIFICATION TEST:
Model: _____ ; Wheelbase: _____ in., _____ mm
VIN: _____ ; Test No. or Nos.: _____

TEST WEIGHTS:

LLVW:	Front	____ lbs.,	____ kg
	Rear	____ lbs.,	____ kg
	Total	____ lbs.,	____ kg
GVWR:	Front	____ lbs.,	____ kg
	Rear	____ lbs.,	____ kg
	Total	____ lbs.,	____ kg

CG LOCATION (UVW):

X = ____ in., ____ mm; Y = ____ in., ____ mm; Z = ____ in., ____ mm

ENGINE TYPE:

( ) Gas, ( ) Diesel; No. of Cylinders ( ) 4, ( ) 6, ( ) 8

Displacement _____ CID, _____ cc or L

FINAL DRIVE TYPE:

( ) Front Wheel Drive, ( ) Rear Wheel Drive, ( ) 4-wheel Drive

TRANSMISSION TYPE:

( ) Automatic; No. of Speeds ( ) 3, ( ) 4, ( ) 5

Overdrive ( ) Yes, ( ) No

( ) Manual; No. of Speeds ( ) 3, ( ) 4, ( ) 5

Overdrive ( ) Yes, ( ) No

TIRES:

Manufacturer _____, Size _____

Load Rating _____

Test Pressure – Front _____ psi, _____ bar

Rear _____ psi, _____ bar

TEST PROCEDURE OPTIONS SELECTED:

AUTOMATIC ADJUSTERS LOCKED OUT:

Front Brakes ( ) Yes, ( ) No

Rear Brakes ( ) Yes, ( ) No

NOTE: If Yes for either, submit a description of the technique used

BRAKE ADJUSTMENTS AFTER BURNISH:

( ) Making Stops, Define: _____

_____

( ) Manual Adjustment – only if adjusters are locked out

NOTE: Service brake adjustments will not be made with the parking brake control nor will the parking brakes be adjusted after burnish

Procedure for Testing Inoperative Brake Power Assist/Brake Power Units:

( ) S5.1.3.1, S5.1.3.( ), _____

Procedure for the Parking Brake Test (define test by marking S5.2.1 and percent grade or S5.2.2 with X and test order used by placing number 1-4 or 1-8 in parentheses for load & direction):

( ) S5.2.1 -- ( ) 30 percent or ( ) 20 percent grade; test order (1-4):

( ) GVW up, ( ) GVW down, ( ) LLVW up, ( ) LLVW down

( ) S5.2.2 -- 30 percent grade using parking brake + park mechanism and 20 percent grade using only the parking brake; Test Order (1-8):
Describe Parking Mechanism: _____

30 percent ( ) GVW up, ( ) GVW down, ( ) LLVW up, ( ) LLVW down

20 percent ( ) GVW up, ( ) GVW down, ( ) LLVW up, ( ) LLVW down

Brake System Indicator Lamp Labeling, Operation, & Ignition Key Check:

( ) Single Lamp (Brake), ( ) Multiple Lamps
Labeled _____
_____

Condition(s) indicated: Pressure failure OR drop in fluid level

Pressure S5.3.1 -- ( ) (a)(1), ( ) (a)(2), ( ) (a)(3), ( ) (a)(4);

Lamp On At: Pressure _____ psi, Pedal Force _____ lbs.

OR Low Fluid ( )S5.3.1(b) Reservoir Full _____ cc, Lamp On At _____ cc

S5.3.1(c) Electrical Failure: ( ) Antilock, ( ) Variable Proportioning

Parking Brake On ( )S5.3.1(d) Ignition Key Check-all Lamps ( ) Yes, ( ) No

Procedure for adjustable engine speed governor S6.5 (submit)
Comments: _____ _____

Certified Brake System – As Identified Below For NHTSA Test Vehicle

List Other Vehicle Models and Model Years Using the Same Brake System:
Model or Carline _____ MY 19___ to 19____

Model or Carline _____ MY 19___ to 19____

Model or Carline _____ MY 19___ to 19____

POWER BRAKES:

( ) Not Available, ( ) Vacuum, ( ) Hydraulic; Size _____ in., _____ mm
( ) Power Assist Unit, ( ) Brake Power Unit, ( ) Accumulator
( ) Electrically actuated, ( ) Electrical Backup

MASTER CYLINDER DIAMETER:

Primary _____ in., _____ mm
Secondary _____ in., _____ mm

SERVICE BRAKE PEDAL RATIO: _____ to 1

PARKING BRAKE:

( ) Front Wheels, ( ) Rear Wheels, ( ) Drive Shaft Brake
( ) Service Brake Linings, ( ) Non-service Brake Linings
NOTE: For non-service brake linings, submit a copy of the burnish instructions provided to vehicle owners
( ) Hand Control, ( ) Foot Control, Ratio _____ to 1
Parking Mechanism ( ) Yes, ( ) No
Describe _____
_____

PRESSURE VALVE:

( ) Metering, ____ psi, ____ bar, Reblend ____ psi, ____ bar
( ) Proportioning, ____ psi, ____ bar, Ratio _____ to 1
( ) Variable Proportioning- ( ) Mechanical, ( ) Electrical
NOTE: For either, submit procedure to render inoperative

HYDRAULIC SPLIT:

Submit Diagram, ( ) LF&RR, RF&LR; ( ) LF&RF, LR&RR;
Other _____

ANTISKID SYSTEM:

( ) Not Available, ( ) 4-Wheel Drive, ( ) Rears Only, ( ) _____
Manufacturer _____
NOTE: Submit procedure for rendering inoperative

FRONT BRAKES

Type:		Brake Type		Brake Type
	( ) Drum,		( ) Disc,	
	( ) Cast	( ) Duo Servo	( ) Cast	( ) Fixed Caliper
	( ) Composite	( ) Leading/Trailing	( ) Multipiece	( ) Float Caliper
	( ) Finned	( ) Leading/Leading	( ) Vented	( ) Pin, ( ) Slider
	_____	_____	_____	_____

SIZE:

Drum Diameter _____ in., _____ mm; Disc Diameter _____ in., _____ mm
Thickness _____ in., _____ mm
Non-service Parking Brake Type & Size _____

LINING SIZE:

Drum - Length _____ in., _____ mm; Disc - Length _____ in., _____ mm
Primary - Width _____ in., _____ mm; Inboard - Width _____ in., _____ mm
Thickness _____ in., _____ mm; Thickness _____ in., _____ mm
Fully Worn Thickness ____ in., ____ mm; Fully Worn Thickness ____ in., ____ mm
Drum - Length _____ in., _____ mm; Disc - Length _____ in., _____ mm
Secondary - Width _____ in., _____ mm; Outboard - Width _____ in., _____ mm
Thickness _____ in., _____ mm; Thickness _____ in., _____ mm
Fully Worn Thickness ____ in., ____ mm; Fully Worn Thickness ____ in., ____ mm

LINING INSTALLED DIMENSIONS (Nominal Production Values):

Drum-Shoe Cage Diameter _____ in., _____ mm; Disc-Clearance To Lining
Diametral Clearance = Drum Diameter - Shoe Cage Inboard _____ in., _____ mm
_____ in., _____ mm; Outboard _____ in., _____ mm
Non-service Parking Brake _____

LINING CODES:

Drum-Primary _____; Disc-Inboard _____ or leading
Secondary _____; Outboard _____ or trailing

LINING ATTACHMENT

	BONDED	RIVETED		BONDED	RIVETED
Drum-Primary or Leading	( )	( )	Disc-Inboard	( )	( )
Secondary or Trailing	( )	( )	Outboard	( )	( )

WHEEL CYLINDER DIAMETER: _____ in., _____ mm

CALIPER BORE DIAMETER: _____ in., _____ mm

NUMBER PER BRAKE _____ Number Per Caliper _____
Calipers Per Wheel _____

REAR BRAKES

TYPE:

( ) Drum --	Brake Type	( ) Disc --	Brake Type
( ) Cast	( ) Duo Servo	( ) Cast	( ) Fixed Caliper
( ) Composite	( ) Leading/Trailing	( ) Multipiece	( ) Float Caliper
( ) Finned	( ) Leading/Leading	( ) Vented	( ) Pin, ( ) Slider
_____	_____	_____	_____

SIZE:

Drum Diameter _____ in., _____ mm; Disc Diameter _____ in., _____ mm
Thickness _____ in., _____ mm
Non-service Parking Brake Type & Size _____

LINING SIZE:

Drum - Length _____ in., _____ mm; Disc - Length _____ in., _____ mm
Primary - Width _____ in., _____ mm; Inboard - Width _____ in., _____ mm
Thickness _____ in., _____ mm; Thickness _____ in., _____ mm
Fully Worn Thickness ____ in., ____ mm; Fully Worn Thickness ____ in., ____ mm
Drum - Length _____ in., _____ mm; Disc - Length _____ in., _____ mm
Secondary - Width _____ in., _____ mm; Outboard - Width _____ in., _____ mm
Thickness _____ in., _____ mm; Thickness _____ in., _____ mm
Fully Worn Thickness ____ in., ____ mm; Fully Worn Thickness ____ in., ___ mm

LINING INSTALLED DIMENSIONS (Nominal Production Values):

Drum-Shoe Cage Diameter _____ in., _____ mm; Disc-Clearance To Lining
Diametral Clearance = Drum Diameter - Shoe Cage Inboard _____ in., _____ mm
_____ in., _____ mm; Outboard _____ in., _____ mm
Non-service Parking Brake _____

LINING CODES:

Drum - Primary _____; Disc - Inboard _____ or Leading
Secondary _____; Outboard _____ or Trailing

LINING ATTACHMENT:

	BONDED	RIVETED		BONDED	RIVETED
Drum - Primary or leading	( )	( )	Disc - Inboard	( )	( )
Secondary or trailing	( )	( )	Outboard	( )	( )

WHEEL CYLINDER DIAMETER: _____ in., _____ mm

CALIPER BORE DIAMETER: _____ in., _____ mm

NUMBER PER BRAKE _____ Number Per Caliper _____
Calipers Per Wheel _____

FMVSS 105 DATA SUMMARY
PASSENGER CAR

MY _____ ; Manufacturer _____
Make _____ ; Model _____
Test No. _____ ; GVWR/LLVW _____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	57 ft., 15-150 lbs.	_____
First Effectiveness 60 mph	216 ft., 15-150 lbs.	_____
Second Effectiveness 30 mph	54 ft., 15-150 lbs.	_____
Second Effectiveness 60 mph	204 ft., 15-150 lbs.	_____
Second Effectiveness 80 mph	383 ft., 15-150 lbs.	_____
Parking Brake 30%, GVW & LLVW ( ) Hand, ( ) Foot, ( ) P/Mechanism	90 lbs. Hand Control 125 lb-foot Control	GVWR: Up _____ lbs., Down _____ lbs. LLVW: Up _____ lbs., Down _____ lbs.
Third Effectiveness 60 mph	194 ft., 15-150 lbs.	_____

Brake Lamp Activation--Manual	25 lbs. or 225 psi	_____ lbs., _____ psi
Brake Lamp Activation--Power	50 lbs. or 225 psi	_____ lbs., _____ psi
Reservoir Fluid Level	More Than 25%	cc: _____ on, _____ Total, _____%

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
Partial Failure LLVW 60 mph	456 ft., 15-150 lbs.	Inop. __ , __ : _____
(define Brakes Inoperative)	456 ft., 15-150 lbs.	Inop. __ , __ : _____
GVW 60 mph	456 ft., 15-150 lbs.	Inop. __ , __ : _____
	456 ft., 15-150 lbs.	Inop. __ , __ : _____
Antilock Inoperative 60 mph	456 ft., 15-150 lbs.	( ) NA, _____
Variable Proprtng Inop. 60 mph	456 ft., 15-150 lbs.	( ) NA, _____
Inoperative Power Assist 60 mph	456 ft., 15-150 lbs.	( ) NA, _____
First Fade Baseline, 30 mph	10-60 lbs./10 fss	_____
Stops 1-5, 60 mph	15-150 lbs./15 fss	_____
Stops 6-10, 60 mph	15-150 lbs./5-15 fss	_____
Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	_____
Stop 5, 30 mph	+ 20/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured __ lbs.
Second Fade Baseline, 30 mph	10-60 lbs./10 fss	_____
Stops 1-10, 60 mph	15-150 lbs./15 fss	_____
Stops 11-15, 60 mph	15-150 lbs./5-15 fss	_____
Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	_____
Stop 5, 30 mph	+ 20/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured __ lbs.
Fourth Effectiveness, 30 mph	57 ft., 15-150 lbs.	_____
60 mph	216 ft., 15-150 lbs.	_____
80 mph	405 ft., 15-150 lbs.	_____
If Applicable 95 mph	607 ft., 15-150 lbs.	_____

If Applicable	100 mph	673 ft., 15-150 lbs.	_____
Water Recovery/baseline, 30 mph		10-60 lbs./10 fss	_____
	Stops 1-4, 30 mph	10-150 lbs./10 fss	_____
	Stop 5, 30 mph	+ 45/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Spike Stops (10), 30 mph		200 lbs. in 0.08 sec.	Max. _____ lbs., Min. time _____ ms
Post Spike Effective, 60 mph		216 ft., 15-150 lbs.	_____
Reservoir Volume		Sufficient For Full Lining Wear	Required _____ cc Measured _____ cc, _____ %
Final Inspection		Linings Attached	( ) OK, _____
		Mechanical Components	( ) OK, _____
		Hydraulic Cylinder W/O Leak	( ) OK, _____

Comments:

FMVSS 105 DATA SUMMARY
TRUCK/MPV/BUS (GVW <8K lbs.)

MY ____ ; Manufacturer _____
Make _____ ; Model _____
Test No. _____ ; GVWR/LLVW _____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	65 ft., 15-150 lbs.	_____
First Effectiveness 60 mph	242 ft., 15-150 lbs.	_____
Second Effectiveness 30 mph	57 ft., 15-150 lbs.	_____
Second Effectiveness 60 mph	216 ft., 15-150 lbs.	_____
Second Effectiveness 80 mph	Not Applicable	_____
Parking Brake 30%, GVW & LLVW ( ) Hand, ( ) Foot, ( ) P/Mechanism	90 lbs. Hand Control 125 lb-foot Control	GVWR: Up _____ lbs., Down _____ lbs. LLVW: Up _____ lbs., Down _____ lbs.
Third Effectiveness 60 mph	216 ft., 15-150 lbs.	_____
Brake Lamp Activation--Manual	25 lbs. or 225 psi	_____ lbs., _____ psi
Brake Lamp Activation--Power	50 lbs. or 225 psi	_____ lbs., _____ psi
Reservoir Fluid Level	More Than 25%	cc: _____ on, _____ Total, _____%
Partial Failure LLVW 60 mph	517 ft., 15-150 lbs.	Inop. __ , __ : _____
(define Brakes Inoperative)	517 ft., 15-150 lbs.	Inop. __ , __ : _____
GVW 60 mph	517 ft., 15-150 lbs.	Inop. __ , __ : _____
	517 ft., 15-150 lbs.	Inop. __ , __ : _____
Antilock Inoperative 60 mph	517 ft., 15-150 lbs.	( ) NA, _____
Variable Proprtng Inop. 60 mph	517 ft., 15-150 lbs.	( ) NA, _____
Inoperative Power Assist 60 mph	517 ft., 15-150 lbs.	( ) NA, _____

First Fade Baseline, 30 mph	10-60 lbs./10 fss	_____
Stops 1-5, 60 mph	15-150 lbs./15 fss	_____
Stops 6-10, 60 mph	15-150 lbs./5-15 fss	_____
Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	_____
Stop 5, 30 mph	+ 20/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.

TEST SECTION		REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
Second Fade Baseline, 30 mph		10-60 lbs./10 fss	
	Stops 1-10, 60 mph	15-150 lbs./15 fss	
	Stops 11-15, 60 mph	15-150 lbs./5-15 fss	
Recovery Stops 1-4, 30 mph		10-150 lbs./10 fss	
	Stop 5, 30 mph	+ 20/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Fourth Effectiveness, 30 mph		72 ft., 15-150 lbs.	
	60 mph	242 ft., 15-150 lbs.	
	80 mph	459 ft., 15-150 lbs.	
If Applicable	95 mph	Not Applicable	
If Applicable	100 mph	Not Applicable	
Water Recovery/baseline, 30 mph		10-60 lbs./10 fss	
	Stops 1-4, 30 mph	10-150 lbs./10 fss	
	Stop 5, 30 mph	+ 45/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Spike Stops (10), 30 mph		200 lbs. in 0.08 sec.	Max. _____ lbs., Min. time _____ ms
Post Spike Effective, 60 mph		242 ft., 15-150 lbs.	
Reservoir Volume		Sufficient For Full Lining Wear	Required _____ cc Measured _____ cc, _____ %
Final Inspection		Linings Attached	( ) OK, _____
		Mechanical Components	( ) OK, _____
		Hydraulic Cylinder W/O Leak	( ) OK, _____

Comments:

FMVSS 105 DATA SUMMARY
TRK/MPV/BUS-EXCEPT S/BUS (GVW 8-10K lbs.)

MY ____ ; Manufacturer _____
Make _____ ; Model _____
Test No. _____ ; GVWR/LLVW _____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	72 ft., 15-150 lbs.	_____
First Effectiveness 60 mph	267 ft., 15-150 lbs.	_____
Second Effectiveness 30 mph	57 ft., 15-150 lbs.	_____
Second Effectiveness 60 mph	216 ft., 15-150 lbs.	_____
Second Effectiveness 80 mph	Not Applicable	_____
Parking Brake 30%, GVW & LLVW ( ) Hand, ( ) Foot	90 lbs. Hand Control 125 lb-foot Control	GVWR: Up _____ lbs., Down _____ lbs. LLVW: Up _____ lbs., Down _____ lbs.
Third Effectiveness 60 mph	242 ft., 15-150 lbs.	_____
Brake Lamp Activation--Manual	25 lbs. or 225 psi	_____ lbs., _____ psi
Brake Lamp Activation--Power	50 lbs. or 225 psi	_____ lbs., _____ psi
Reservoir Fluid Level	More Than 25%	cc: _____ on, _____ Total, _____%
Partial Failure LLVW 60 mph	517 ft., 15-150 lbs.	Inop. __ , __ : _____
(define Brakes Inoperative)	517 ft., 15-150 lbs.	Inop. __ , __ : _____
GVW 60 mph	517 ft., 15-150 lbs.	Inop. __ , __ : _____
	517 ft., 15-150 lbs.	Inop. __ , __ : _____
Antilock Inoperative 60 mph	517 ft., 15-150 lbs.	( ) NA, _____
Variable Proprtng Inop. 60 mph	517 ft., 15-150 lbs.	( ) NA, _____
Inoperative Power Assist 60 mph	517 ft., 15-150 lbs.	( ) NA, _____
First Fade Baseline, 30 mph	10-60 lbs./10 fss	_____
Stops 1-5, 60 mph	15-150 lbs./15 fss	_____
Stops 6-10, 60 mph	15-150 lbs./5-15 fss	_____

Recovery Stops 1-4, 30 mph 10-150 lbs./10 fss _____

Stop 5, 30 mph + 20/ - 10# or 0.6xbl R = ___ - ___ lbs., Measured ___ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
Second Fade Baseline, 30 mph	10-60 lbs./10 fss	
Stops 1-10, 60 mph	15-150 lbs./15 fss	
Stops 11-15, 60 mph	15-150 lbs./5-15 fss	
Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	
Stop 5, 30 mph	+ 20/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Fourth Effectiveness, 30 mph	65 ft., 15-150 lbs.	
60 mph	267 ft., 15-150 lbs.	
80 mph	510 ft., 15-150 lbs.	
If Applicable 95 mph	Not Applicable	
If Applicable 100 mph	Not Applicable	
Water Recovery/baseline, 30 mph	10-60 lbs./10 fss	
Stops 1-4, 30 mph	10-150 lbs./10 fss	
Stop 5, 30 mph	+ 45/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Spike Stops (10), 30 mph	200 lbs. in 0.08 sec.	Max. _____ lbs., Min. time _____ ms
Post Spike Effective, 60 mph	267 ft., 15-150 lbs.	
Reservoir Volume	Sufficient For Full Lining Wear	Required _____ cc Measured _____ cc, _____ %
Final Inspection	Linings Attached	( ) OK,
	Mechanical Components	( ) OK,
	Hydraulic Cylinder W/O Leak	( ) OK,

Comments:

FMVSS 105 DATA SUMMARY
SCHOOL BUS (GVW 8-10K lbs.)

MY ____ ; Manufacturer _____
Make _____ ; Model _____
Test No. _____ ; GVWR/LLVW _____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	69 ft., 15-150 lbs.	_____
First Effectiveness 60 mph	267 ft., 15-150 lbs.	_____
Second Effectiveness 30 mph	57 ft., 15-150 lbs.	_____
Second Effectiveness 60 mph	216 ft., 15-150 lbs.	_____
Second Effectiveness 80 mph	Not Applicable	_____
Parking Brake 30%, GVW & LLVW ( ) Hand, ( ) Foot, ( ) P/Mechanism	90 lbs. Hand Control	GVWR: Up _____ lbs., Down _____ lbs.
	125 lb-foot Control	LLVW: Up _____ lbs., Down _____ lbs.
Third Effectiveness 60 mph	242 ft., 15-150 lbs.	_____
Brake Lamp Activation--Manual	25 lbs. or 225 psi	_____ lbs., _____ psi
Brake Lamp Activation--Power	50 lbs. or 225 psi	_____ lbs., _____ psi
Reservoir Fluid Level	More Than 25%	cc: _____ on, _____ Total, _____%
Partial Failure LLVW 60 mph	517 ft., 15-150 lbs.	Inop. __ , __ : _____
(define Brakes Inoperative)	517 ft., 15-150 lbs.	Inop. __ , __ : _____
GVW 60 mph	517 ft., 15-150 lbs.	Inop. __ , __ : _____
	517 ft., 15-150 lbs.	Inop. __ , __ : _____
Antilock Inoperative 60 mph	517 ft., 15-150 lbs.	( ) NA, _____
Variable Proprtng Inop. 60 mph	517 ft., 15-150 lbs.	( ) NA, _____
Inoperative Power Assist 60 mph	517 ft., 15-150 lbs.	( ) NA, _____
First Fade Baseline, 30 mph	10-60 lbs./10 fss	_____
Stops 1-5, 60 mph	15-150 lbs./15 fss	_____
Stops 6-10, 60 mph	15-150 lbs./5-15 fss	_____

Recovery Stops 1-4, 30 mph 10-150 lbs./10 fss _____

Stop 5, 30 mph + 20/ - 10# or 0.6xbl R = ___ - ___ lbs., Measured ___ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
Second Fade Baseline, 30 mph	10-60 lbs./10 fss	
Stops 1-10, 60 mph	15-150 lbs./15 fss	
Stops 11-15, 60 mph	15-150 lbs./5-15 fss	
Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss	
Stop 5, 30 mph	+ 20/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Fourth Effectiveness, 30 mph	65 ft., 15-150 lbs.	
60 mph	267 ft., 15-150 lbs.	
80 mph	510 ft., 15-150 lbs.	
If Applicable 95 mph	Not Applicable	
If Applicable 100 mph	Not Applicable	
Water Recovery/baseline, 30 mph	10-60 lbs./10 fss	
Stops 1-4, 30 mph	10-150 lbs./10 fss	
Stop 5, 30 mph	+ 45/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Spike Stops (10), 30 mph	200 lbs. in 0.08 sec.	Max. _____ lbs., Min. time _____ ms
Post Spike Effective, 60 mph	267 ft., 15-150 lbs.	
Reservoir Volume	Sufficient For Full Lining Wear	Required _____ cc Measured _____ cc, _____ %
Final Inspection	Linings Attached	( ) OK,
	Mechanical Components	( ) OK,
	Hydraulic Cylinder W/O Leak	( ) OK,

Comments:

FMVSS 105 DATA SUMMARY
SCHOOL BUS (GVW > 10K lbs.)

MY ____ ; Manufacturer _____
Make _____ ; Model _____
Test No. _____ ; GVWR/LLVW _____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	88 ft., 15-150 lbs.	_____
First Effectiveness 60 mph	388 ft., 15-150 lbs.	_____
Second Effectiveness 30 mph	81 ft., 15-150 lbs.	_____
Second Effectiveness 60 mph	388 ft., 15-150 lbs.	_____
Second Effectiveness 80 mph	Not Applicable	_____
Parking Brake 30%, GVW & LLVW ( ) Hand, ( ) Foot	125 lbs. Hand Control 150 lb-foot Control	GVWR: Up _____ lbs., Down _____ lbs. LLVW: Up _____ lbs., Down _____ lbs.
Third Effectiveness 60 mph	388 ft., 15-150 lbs.	_____
Brake Lamp Activation--Manual	25 lbs. or 225 psi	_____ lbs., _____ psi
Brake Lamp Activation--Power	50 lbs. or 225 psi	_____ lbs., _____ psi
Reservoir Fluid Level	More Than 25%	cc: _____ on, _____ Total, _____%
Partial Failure LLVW 60 mph	613 ft., 15-150 lbs.	Inop. __ , __ : _____
(define Brakes Inoperative)	613 ft., 15-150 lbs.	Inop. __ , __ : _____
GVW 60 mph	613 ft., 15-150 lbs.	Inop. __ , __ : _____
	613 ft., 15-150 lbs.	Inop. __ , __ : _____
Antilock Inoperative 60 mph	613 ft., 15-150 lbs.	( ) NA, _____
Variable Proprtng Inop. 60 mph	613 ft., 15-150 lbs.	( ) NA, _____
Inoperative Power Assist 60 mph	613 ft., 15-150 lbs.	( ) NA, _____
First Fade Baseline, 40-20 mph	10-90 lbs./10 fss	_____
Snubs 1-10, 40-20 mph	15-150 lbs./15 fss	_____
Recovery Snubs 1-4, 40-20 mph		

		10-150 lbs./10 fss	_____
_	Snub 5, 40-20 mph	+ 45/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.

TEST SECTION		REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
Second Fade Baseline, 40-20 mph		10-90 lbs./10 fss	
	Snubs 1-20, 40-20 mph	15-150 lbs./15 fss	
Recovery Snubs 1-4, 40-20 mph		10-150 lbs./10 fss	
	Snub 5, 40-20 mph	+ 45/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Fourth Effectiveness, 30 mph		88 ft., 15-150 lbs.	
	60 mph	383 ft., 15-150 lbs.	
	80 mph	Not Applicable	
If Applicable	95 mph	Not Applicable	
If Applicable	100 mph	Not Applicable	
Water Recovery/Baseline, 30 mph		10-90 lbs./10 fss	
	Stops 1-4, 30 mph	10-150 lbs./10 fss	
	Stop 5, 30 mph	+ 60/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Reservoir Volume		Sufficient For Full Lining Wear	Required _____ cc Measured _____ cc, _____ %
Final Inspection		Linings Attached	( ) OK, _____
		Mechanical Components	( ) OK, _____
		Hydraulic Cylinder W/O Leak	( ) OK, _____

Comments:

FMVSS 105 DATA SUMMARY
TRUCKS/MPVs/BUSES -- EXCEPT SCHOOL BUSES (GVW > 10K lbs.)

MY ____ ; Manufacturer _____
Make _____ ; Model _____
Test No. _____ ; GVWR/LLVW _____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	Not Applicable	_____
First Effectiveness 60 mph	Not Applicable	_____
Second Effectiveness 30 mph	Not Applicable	_____
Second Effectiveness 60 mph	Not Applicable	_____
Second Effectiveness 80 mph	Not Applicable	_____
Parking Brake 30%, GVW & LLVW		
	NA lbs. Hand Control	GVWR: Up _____ lbs., Down _____ lbs.
( ) Hand, ( ) Foot	NA lb-foot Control	LLVW: Up _____ lbs., Down _____ lbs.
Third Effectiveness 60 mph	Not Applicable	_____
Brake Lamp Activation--Manual	25 lbs. or 225 psi	_____ lbs., _____ psi
Brake Lamp Activation--Power	50 lbs. or 225 psi	_____ lbs., _____ psi
Reservoir Fluid Level	More Than 25%	cc: _____ on, _____ Total, _____%
Partial Failure LLVW 60 mph	613 ft., 15-150 lbs.	Inop. __ , __ : _____
(define Brakes Inoperative)	613 ft., 15-150 lbs.	Inop. __ , __ : _____
GVW 60 mph	613 ft., 15-150 lbs.	Inop. __ , __ : _____
	613 ft., 15-150 lbs.	Inop. __ , __ : _____
Antilock Inoperative 60 mph	613 ft., 15-150 lbs.	( ) NA, _____
Variable Proprtng Inop. 60 mph	613 ft., 15-150 lbs.	( ) NA, _____
Inoperative Power Assist 60 mph	613 ft., 15-150 lbs.	( ) NA, _____
First Fade Baseline, 40-20 mph	Not Applicable	_____
Snubs 1-10, 40-20 mph	Not Applicable	_____
Recovery Snubs 1-4, 40-20 mph		

		Not Applicable	
	Snub 5, 40-20 mph	Not Applicable	R = ___ - ___ lbs., Measured ___ lbs.

TEST SECTION		REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
Second Fade Baseline, 40-20 mph		Not Applicable	_____
	Snubs 1-20, 40-20 mph	Not Applicable	_____
Recovery Snubs 1-4, 40-20 mph		Not Applicable	_____
	Snub 5, 40-20 mph	Not Applicable	R = ___ - ___ lbs., Measured ___ lbs.
Fourth Effectiveness, 30 mph		Not Applicable	_____
	60 mph	Not Applicable	_____
	80 mph	Not Applicable	_____
If Applicable	95 mph	Not Applicable	_____
If Applicable	100 mph	Not Applicable	_____
Water Recovery/Baseline, 30 mph		Not Applicable	_____
	Stops 1-4, 30 mph	Not Applicable	_____
	Stop 5, 30 mph	Not Applicable	R = ___ - ___ lbs., Measured ___ lbs.
Reservoir Volume		Sufficient For Full Lining Wear	Required _____ cc Measured _____ cc, _____ %
Final Inspection		Linings Attached	( ) OK, _____
		Mechanical Components	( ) OK, _____
		Hydraulic Cylinder W/O Leak	( ) OK, _____

Comments: